

The Purification of Gases by the Electric Filter, by
C. Hahn, 19 pp.

GERMAN, per, Siemens Z. Vol IV, Jan 1924, pp 6-14.

SLA 58-351

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The Long Distance Cable on the Electrically
Operated Stockholm-Gothenburg Railway, by
I. Billing, 6 pp.

GERMAN, per, Siemens Z., Vol VI, Jul 1926,
pp 351-354.

SLA Tr 57-2466

Sci

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Siemens Smoke-Density Indicator, by H.
Miething.

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pp 245-251.

ASLIB GB 29

Sci - Engr
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Picture Transmission by Wire, by P. Arendt, 25 pp.

GERMAN, per, Siemens Z, Vol IX, No 3, Mar 1929,
pp 135-144.

SLA Tr 57-645

Sci - Electronics

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Humidity Measurementⁿ in Industrial Plants, by Fr. ~~EA~~
Lieneveg, 5 p.

GERMAN, per, Siemens Zeitschr, 1931, Vol XI, No 1,
pp 26-32.

SLA 59-20941

Sci
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Vol III, No 2

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Police Teletypewriter Installations, by K. Friedrich,
26 pp.

GERMAN, *Der Siemens Z.*, Vol XIV, No 3, Mar 1934, pp
76-83.

SIA 57-3026

Sci

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Automatic Steering of Airplanes (The Siemens-
Automatic Course-Steering Gear), by Von A. Thaus
and B. v. Kaul, 8 pp.

GERMAN, per, Siemens-Zeitschrift, Nov 1934, pp
369-372. P500032768

Dept of Navy, NIC Tr No 2518

Sci-Aero
Mar 68

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Practical Experiments With Large High-Frequency
Furnaces, by Boer

German Zeitschrift
-~~RESEARCH~~, Siemens ~~XXXXXXXXXX~~, Vol XVI, 1936.

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Scientific - Min/Metals

\$1.40

"Eloxal": A New Material, by W. Birett, 5 pp.

GERMAN, per, Siemens Zeitschrift, Vol XVI, No 1,
1936, pp 1-4.

SLA 59-15443

Sci - Minerals/Metals

Sep 59

Vol II, No 2

98,662

Modern Electric Melting Furnaces, by R. Gross, 14 p.

GERMAN, per, Siemens Zeit , 1937, Vol XVII,
No 6, pp 259-269.

SLA 59-20533

Sci

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Vol 2, No 12

108,244

The Exhibit of Communication Equipment for Air Raid
Protection in Plants at the Great German Air Raid
Precautions Touring Exposition, by F. W. Gust, 13 pp.

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SLA 58-656

Sci

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On the Problem of Advance Warning of the Supervisory Personnel of Air Raid Protection Systems in Plants, by F. W. Gust, 24 pp.

GERMAN, per, Siemens Z., Vol. XIX, No 4, Apr 1939, pp 166-172.

SLA 58-303

Sci

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Hanff, F. and others.
ALUMINUM AS SHEATHING MATERIAL FOR CABLES.
14 Mar 53, 14p. (figs. tables omitted).
Order from SLA \$1.60

62-18370

Trans. of Siemens Zeitschrift (Germany) 1939, v. 19,
[no. 8] p. 357-368.

DESCRIPTORS: *Aluminum, *Electric cables, *Electric
insulation, Corrosion, Oxidation, Films, Metallurgy.

(Engineering--Electrical, TT, v. 9, no. 4)

62-18370

I. Hanff, F.

Office of Technical Services

The Way to International Teletype Subscriber Service,
by K. Friedrich, 27 pp.

GERMAN, par, Siemens Z., Vol XIV, No 9, 1943, pp
302-308.

SLA 57-3024

Sci

Aug 58

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The "Counting Coil", by Paul Duffing, 11 pp.

GERMAN, per, Siemens Z, Vol XXVI, No 3, Apr 1952,
pp 140-144.

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Patent Office
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Sci - Eng
Aug 57

50,518

The Toll Exchange in Hamburg, Germany, by H. Rjoek.

GERMAN, per, Siemens Zeitschrift, Sep 1951, pp 206-209.

SCIA Tr No 637

EEur - Germany
Economic - Communications
Scientific - Electronics??

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Apr 54 CTS

62-18873

Barthelt, Hans and Lutsch, Adolf,
NON-DESTRUCTIVE TESTING OF CERAMIC
INSULATORS WITH ULTRASONICS. July 62, 14p.
(figs. omitted) 9 refs.
Order from SLA \$1.60

62-18873

Trans. of reprint of Siemens Zeitschrift (West Germany)
1952, v. 26, no. 3, p. 3-10.

DESCRIPTORS: *Ceramic materials, Insulating
materials, Electric insulation, *Ultrasonics, *Non-
destructive testing

(Materials: Ceramics, TT, v. 9, no. 7)

I. Barthelt, H.
II. Lutsch, A.

Office of Technical Services

Wusteney, H.
MODERN PERFORATED TAPE DEVICES FOR TELE-
TYPEWRITER COMMUNICATION. [1962] 7p. (figs.
omitted).

Order from SLA \$1.10

63-10044

Trans. of Siemens Zeitschrift (West Germany) 1952,
v. 26 [no. 5] p. 213-219.

DESCRIPTORS: *Teletype systems, *Communication
equipment, Tapes, Design, Construction, Operation.

(Engineering--Electronic, TT, v. 9, no. 11)

63-10044

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Office of Technical Services

The Reference Equivalent Testing Set For Electro-Acoustic Testing of Telephone Systems, by J. Gossinger, O. Bohm, 21 pp.

GERMAN, per, Siemens Z, Vol XXVI, No 8, Dec 1952, pp 377-382.

SIA Tr 2528

Sci - Physics, *Electronics* 52, 342

Sep 57

New Highway Telephone Emergency Station SH50, by
A. Ranabauer, 28 pp.

GERMAN, per, Siemens Z, Vol XIVII, No 1, Feb 1953,
pp 1-8.

SLA Tr 2530

Sci - Electronics
Jan 58

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The Magnetic Amplifier, by W. Karko, UNCLASSIFIED

GERMAN, per, Siemens Z., Vol XXVII, No 2, April
1953, pp 62-73.

TPA3/TIE
T 1003

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Scientific - Electronics

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Extracts From the Work of the Research Laboratory of
the Siemens-Schuckertwerke, Part I, by Ferdinand
Trendelenburg. UNCLASSIFIED

GERMAN, per, Siemens-Zeitschrift, Vol XXVII, No 8,
Dec 1953, pp 391-399.

Navy Tr 1654/Buships-643A

EE - Germany

Econ

Mar 58

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Push-button Dialing and Automatic Repeat
Dialing in Telephone Circuits, by W. Mai, 6 pp.

GERMAN, per, Siemens Z., Vol XXVIII, No 5,
1954, pp 224-228.

Asso Tech Svc 45 J 15 G

Sci

Aug 58

ATE/413-GJ

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A Steam Turbine for 600/625°C Steam Temperature,
by C. Brennecke, R. Schinn.

GERMAN, per, Siemens Z, Vol XXVIII, 1954, pp
233-250.

ASLIB-GB125

Sci

Aug 58

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Torque Measurement in a DC Motor With the Aid of the
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reuther. UNCLASSIFIED

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Aug 1954, pp 299-302.

Navy Tr 1700/BuShips 649

Sci - Engr
May 58

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Properties of Hall Generators, by Friedrich Kuhrt,
11 pp.

GERMAN, per, Siemens-Z., Vol XXVIII, 1954,
pp 370-376.

CIA/FDD/Z-196

30,872

Scientific - Physics, semiconductors

Navy to 1657/Bullis
6/5

Applications of Hall Generators, by W. Hartel,
13 pp.

GERMAN, per, Siemens-Z., Vol XXVIII, 1954,
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CIA/FDD/Z-205

Scientific - Physics, semiconductors

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Bitter.

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GERMAN, per, Siemens Z., Vol. XIX, Jan 1955, pp
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ASLIB-GR125

Sci

Aug 59

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A Method of Checking Long-Distance Cables by Gas
Pressure and the Radio-Localization of Cable
Faults, by H. Aleith.

GERMAN, per, Siemens Z, Vol XXIX, No 3/4, Apr
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ASLIB-GB54

Sci
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Electron-Microscope Investigation of Grain
Structure of Sintered Materials by Fracture
Surface Analysis, by Hermann Pfisterer, 16 pp.

GERMAN, por, Siemens Z. ^{XXIX?} Vol XXV, No 5/6, 1955,
pp 199-205.

ABC/ABRE Tr 11/3/5/1105

Sci - Phys

May 59

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Non-Destructive Testing of the Reinforced Ends
of Rod-Type Insulators by the Ultrasonic Echo
Method, by H. Barthelt, W. Bohme.

GERMAN, per, Siemens, Vol XXIX, May 1955, pp
206-208.

ASLIB-GB125

Sci

Aug 58

SLA 62-18874

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The Planning of E. H. V. Cable Installations, by L.
Geiling.

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GERMAN, per, Siemens Z., Vol. XIX, Jun 1955, pp
294-301.

ASLIB-GB125

Sci

Aug 59

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Ferrite Cores With Perminvar Loop, by M.
Kornetzki, J. Brackmann, J. Frey, 20 pp.

BERMAN, per, Siemens Z, Vol XXIX, No 10, Sep 1955,
pp 434-440.

SLA 57-2313

May 58

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Crystallization Phenomena in Phosphate Glasses: a
Contribution to Knowledge of the Structure of Phos-
phate Glasses, by W. Vogel.

GERMAN, per, Silikat Technik, Vol VI, 1955, pp
510-517.

ASLIB-GB105

Sci

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Aug 59

The Rated Over-Current Factor n for Current
Transformers, Its Significance and Measurement,
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GERMAN, per, Siemens Z. Vol XXXIX, No 1,
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CSIRO 3708

Sci - Electricity
Aug 62

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Loudspeaking Telephone Installations, by O. Hoerner,
23 pp.

GERMAN, per, Simmons Z, Vol XXX, No 1, Jan 1956,
pp 29-35.

SIA 57-2047

Sci
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68,094

The Building of the San Nicolas Steam ~~St~~ Power
Station in Argentina, by A. ~~H~~ Hofmann

GERMAN. per, Siemens Z., Vol XXX, No 5-7, 1956,
pp 233-247.

ASLIB-GB43

Sci

Jul 59

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High Pressure, High Temperature Turbines,
by K. Schultes.

GERMAN, per, Siemens Zeitschrift, Vol XXX,
No 5/7, 1956, pp 248-261.

CSIRO

Sci - Engr
Aug 62

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Acceleration of Large Rotating Masses by Means
of A. C. Squirrel Cage ~~IM~~ Rotors, by R. Ulke.

GERMAN, per, Siemens Zeitschrift, Vol XXI,
1956, pp 384-390.

CSIRO

Sci - Engr
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A Submarine Cable Winch with Constant Current
Drive on the Cable Ship "Nordenham," 11 pp,
by W. Harders.

GERMAN, per, Siemens-Z., Vol XXX, No 8, 1956,
pp 390-398.

Assoc Tech Serv

51J150

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Aug 58

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Apparatus For the Testing Of Complete Sheets For
the Sorting Of Electric Sheet Steel For Transformers
by A. Fiebiger.

GERMAN, per, Siemens Zeitschrift, Vol XXX, No 9,
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BISI 7001

CSIRO

MAY 69

Oct. 62

Permissible Loading of a Cable Exposed to
Strong Heat Radiation, by L. Getling.

GETTINGMAN, per, Siemens Z. Vol XXX, 1956,
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ASLIB GB 10/IB 1558

Sci - Phys
Apr 62

192,097

Control of the Welding Process in the
Automatic Flash-Welding Machines Made by
the Siemens-Schuckert Works, by G. Hofmann.

GERMAN, per, Siemens Zeitschrift, Vol XIX,
No 10, 1956, pp 489-498.

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Sci - Engr
Jun 62

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A Whole Sheet Testing Apparatus for the Grading of
Transformer Sheets, by Fiebiger.

GERMAN, per, Siemens-Zeitschrift, No 9, 1956, Sep,
pp 543-548.

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Sci - Min/mat; Engr
Jan 58

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A Submarine Cable Winch with Constant Current
Drive on the Cable Ship "Hordenham," by W.
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GERMAN, per, Siemens Z, Vol XXX, No 8, 1956,
pp 390-398. (Loan copy only)

SLA 57-2797
ATS/427-GJ

Sci
Aug 58

70,472

61-16400

Fiebiger, A.
A WHOLE SHEET TESTING APPARATUS FOR THE
GRADING OF TRANSFORMATION SHEETS. [1958]
17p. 18 refs.
Order from SLA \$1.50

61-16400

Trans. of Siemens Zeitschrift (West Germany) 1956,
v. 30, no. 9, p. 543-548.

DESCRIPTORS: *Sheets, Transformers, Steel, *Non-
destructive testing, *Test equipment, Design, Magnetic
properties.

1. Fiebiger, A.

Office of Technical Services

(Machinery--Manufacturing TT, v. 6, no. 3)

Sound-Film Measuring Technique, by
H. Feuzam.

GERMAN, per, Siemens Zeitschrift,
Vol XXXI, No 1, 1957, pp 13-18.

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Sci - Phys
Jun 62

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Elimination of the 300c/s Noise in a Winder Motor
Supplied by Mercury Vapour Rectifier, by F.
Wesselak.

GERMAN, per, Siemens Z, Vol XXXI, No 4, 1957,
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Sci - Electron
Aug 62

211, 465

New Designs of Light-Weight Operator's Sets, by
Georg Dehn, Hans Seidlmeyer, 15 pp.

GERMAN, per, Siemens Zeitschrift, Vol XXXI, No 8,
1957, pp 400-404.

SLA 59-10963

Sci - Electron
Sep 59
Vol 2, No 1

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The Measurement of Very Small Magnetic Fields
by Means of Hall Generators, by E. Heringhaus,
H. Weiss. USOL

GERMAN, per, Siemens Z, Vol VIII, 1937,
pp 404-409. CIA 907940

ACBIL 1024

Sci - Phys
Apr 59

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Extracts From the Work of the Research Laboratory
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Ferdinand Trendelburg. UNCLASSIFIED

GERMAN, per, Siemens-Zeitschrift, Vol XXXI, NO.
2, Feb 1957, pp 45-58.

Navy Tr 1655/Buships-643B

EE - Germany
Econ
Mar 58

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New Technique for Medium-Size Selector Subscriber
Installations With Extension Stations, by K. Rohde,
4 pp.

GERMAN, per, Siemens Z, Vol XXXI, No 4, 1957, pp
177-178.

ATS 47K280
ATS/412-GJ

Sci - Electron
Jul 59
OTS I, 11

91, 024

The Precious-Metal, High-Speed Relay, by Z.
Wilhelm, G. Braumann, 5 pp.

GERMAN, per, Siemens Z, Vol XXXI, No 4,
1957, pp 179-181.

ATB 52K28G
ATB/342-GJ

Sci-Electric
Jun 59
OTS I, 10

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Medium Selector Subscriber Installations With
Extension Stations Using the Precious Metal, High-
Speed Relay Coupling Array, by R. Kraust, W. Strobel, ~~2~~
8 pp.

GERMAN, ~~Zper~~, Siemens Z, Vol XXXI, No 4, 1957, pp
182-186.

ATS 53K280
ATS/394-GJ

Sci - Electron
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OTS I, 11

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Radio Telecommunication Network of the Saudi-Arabian
Postal Administration, by Friedrich Ruf.

GERMAN, per, Siemens Z, 1957, pp 441-442. (Call No
EIF 364534)

AMS

NE/A - Saudi-Arabia
Econ
Apr 61

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The 2C39A Disc Triode, Its Manufacture and Applications, by H. Blum, J. Kellerer.

GERMAN, per, Siemens Zeitschrift, Vol XXXII, No 1, 1958, pp 17-25.

TIL T5319

Sci - Engr
Feb 63

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Silicon Photocells, by R. Wiesner,
F. Hsai.

GERMAN, per, Siemens Zeitschrift,
Vol XIII, No 2, 1958, pp 128-134.

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Sci - Phys
Oct 61

171,608

The Hall Transformer in Control Technique, by
H. Schaufler, 11 pp.

GERMAN, per, Siemens Z, Vol XXII, 1958,
pp 83-87. 9049041

SLA 60-16663
ACBIL 1079

Sci - Electron
May 60

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Device for Drawing Cables into Circuits, by E. Wagle,

GERMAN, per, Siemens Zeitschrift, Vol XXXII, No 2,
pp 102, 1958

Chief Librarian, C.S.I.R.O.
314 Albert Street
East Melbourne, Australia
C.2, Vic.

Sci
May 60

115,198

Our Method For the (Production of) Silicon Power
Rectifiers, by Goeschel, 4 pp.

GERMAN, per, Siemens Zeit, Vol XXIII, 1956,
p 109.

SLA 59-10789

Sci - Chem
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Vol 2, No 2

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Spenske, Eberhard.
SILICON AS A MATERIAL FOR POWER RECTIFIERS
[1961] [13]p. 19 refs.
Order from SLA \$1.60

61-16179

Trans. of Siemens Zeitschrift (West Germany) 1958,
[v. 32, no. 3] p. 110-113.

DESCRIPTORS: *Silicon, *Semiconductors, *Rectifiers.

(Engineering--Electrical, TT, v. 6, no. 2)

61-16179

I. Spenske, E.

169575

Office of Technical Services

Plastic Telephone Cables and Lines In Town Systems
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GERMAN, per, Siemens Zeitschrift, Mar., 1958, pp
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CSIRO

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Starting of Steam Turbines, by H.
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GERMAN, per, Siemens Zeitschrift,
Vol XXXII, 1958, pp 665-673.

CSIRO

Sci - Engr
Jul 62

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Television in the Service of Industry, Research and
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GERMAN, per, Siemens Z, No 10, 1958, pp 692-701.

ACSI, H-3238, A
ID 2152381

EEur - Germany

Econ

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Transister Amplifier in Telephone Messages for the
District and Long Distance Traffic, by Willy Auer.

GERMAN, per, Siemens Z, No 10, 1958, pp 719-725.

ACSI, H-3238, B
ID 2152381

EEur - Germany

Econ

Feb 61

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Automatic Dial System Between Luxemburg and
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GERMAN, per, Siemens Z, No 10, 1958, pp 732-735.

ACSI, H-3238
ID 2152381

EEur - Germany

Econ

Feb 61

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Wolak, Kurt.

PROTECTIVE GAS CONTACTS AND PROTECTIVE
GAS CONTACT RELAYS. [1962] [7]p. 3 refs.
Order from SLA \$1.10

62-14388

Trans. of Siemens Zeitschrift (West Germany) 1958,
v. 32, no. 12, p. 845-847.

DESCRIPTORS: *Electric relays, Switching circuits,
*Electric switches, Design, Model tests.

Test results and relay constructions are described
with the Bell Telephone Laboratories "dry-reed"
switch.

(Engineering--Electrical, TT, v. 8, no. 9)

62-14388

I. Wolak, K.

Office of Technical Services

Terminal Installations for Long-Distance Telephone
Traffic via Short Waves, by K. Buckmann,

GERMAN, per, Siemens-Zeitschrift, Vol XXXIII,
No 1, pp 25-31, 1959,

C.S.I.R.O.

Sci - Electronics

May 60

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Telephone Apparatus in the Service
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No 2, 1959, pp 76-80.

CSIRO

Sci - Electron
Jun 62

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Rolling-Period Measuring Equipment for
Supervising the Stability of Ships,
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GERMAN, per, Siemens Zeitschrift,
Vol XXXIII, No 4, 1959, pp 273-275.

CSIRO

Sci - Engr
Jun 62

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Underwater Television, by Hans Leidholdt,
4 pp. UNCLASSIFIED

GERMAN, per, Siemens Zeitschrift, Vol XXXIII,
No 4, 1959, pp 277-288, Encl to Ser No F:121-59,
CINCNEIM RPT FKFT, APO 757.

Navy/ONI 5074911

Sci - Electronics
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High-Tension Protodur Cables for Rated
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GERMAN, par, Siemens Zeitschrift, Vol XXVIII,
No 5, 1959, pp 341-345.

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Sci - Electricity
Jun 62

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New Diazed Fuse Elements, by G. Henselmeyer,
W. Rauch.

GERMAN, Ger, Siemens Z. Vol XXXIII, 1959.
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Sci - Engr

Jun 61

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Super Long Range Radio in the Decimeter Wave Band
of 2000 MC, by Max Jung, Norbert Langer, 8 pp. UNCL

GERMAN, par, Siemens Z., No 5, 1959, (SI-9-26 358).

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ACSI H-7958-8

ID 2158393

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Sci - Electronics
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A Channel-Gap Level Meter for the Frequency Range
12-552 Kilocycles, by A. Neumann, 6 pp.

GERMAN, par, Siemens-Zeitschrift, No 6, 1959,
pp 425-428.

JPRS-1-1869-D

Sci - Engg
Sep 59

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Mukutmoni, Tapes.
MEASUREMENT OF CORONA DISCHARGES IN
HIGH-VOLTAGE SWITCHGEAR AND INSULATORS.
[1961] 20p. 7 refs.
Order from SLA \$1. 60

61-20876

Trans. of Siemens Zeitschrift (West Germany) 1959
[v. 33] no. 8, p. 509-516.

DESCRIPTORS: Transmission lines, Voltage, *Elec-
tric switches, Switches, *Electric insulation, *Elec-
trical corona, *Electric discharges, Radio inter-
ference, Measurement, High frequency

The interference effect of a charging spark is greater
than that of predischarges or impact ionization by a
certain multiple. Rain, dew and dirt increase the
interference voltage produced in insulators by a sub-
stantial amount. (Author)
(Engineering--Electrical, TT, v. 7, no. 4)

DD-

61-20876

I. Mukutmoni, T.

Office of Technical Services

Air-Cooling for Condensation in Thermal Power
Plants and for the Processing Industry, by
Alfons Raesfeld, F. Schlenberg, 22 pp.

GERMAN, per, Siemens-Z, Vol XXXIII, No 3, 1959,
pp 126-136.

CSIR Tr No 233

Sci - Engr

Oct 62

215,934

Measuring and Regulating Plant for
Sewage Supervision and Control of
Water Courses, by R. Schuh.

GERMAN, per, Siemens-Zeitschrift,
Vol XXXIII, No 9, 1959, pp 556-562.

Univ of Melbourne
T.123

Sci - Engr
Jul 62

204,882

Magnetisation Processes (Transparent Thin
Sections of Monocrystalline Garnet), by
J. Woy.

GERMAN, per, Siemens Z., Vol XXXIII,
No 9, 1959, pp 577-583.

CSIRO

Sci - Engr
Mar 62

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Gas-Tight Cable Entrances in the Karlsruhe Reactor
FR2, by K. Hitzig.

GERMAN, per, Siemens Zeitschrift, Vol XXXIII, No 10,
~~1954~~ 1959, pp 630-634.

AEC-Risley-Tr-546
Available on loan only

Sci
Jan 64

Stöhr, Walter.
LONG DISTANCE COMMUNICATIONS ON WAVE-
GUIDES. [1961] 16p. 2 refs.
Order from SLA \$1.60

61-18618

Trans. of Siemens Zeitschrift (West Germany) 1959,
v. 33, no. 11, p. 685-690.

DESCRIPTORS: *Communication systems, *Waveguides.
Electromagnetic waves, Propagation.

(Engineering--Electronic, TT, v. 6, no. 9)

61-18618

L. Stöhr, W.

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Office of Technical Services

J-879/60

(DC-4259)

A New Point Locating System for High-Current
Underground Cable, by Hans Henneberg, 13 pp.

GERMAN, per, Siemens Z, No 11, 1959, pp 698-703.

JPRS 3957

Sci - Engr

Sep 60

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Behlendorf, Erika and Kappl, Franz.
CALL DISTRIBUTION IN LARGE DIAL PRIVATE
BRANCH EXCHANGES (Anrufverteilung in Grossen
Wahl-Nebenstellenanlagen). [1961] [14]p.
Order from SLA \$1. 60 61-18265

Trans. of Siemens-Zeitschrift (West Germany) 1959
[v. 33] no. 12, p. 763-766.

DESCRIPTORS: *Multichannel telephone systems,
*Panel boards (Electricity), Automatic, Operation,
Design

(Research Methods--Communication Theory, TT,
v. 7, no. 4)

61-18265

I. Behlendorf, E.
II. Kappl, F.

Office of Technical Services

A Pulse Time Modulation System for 60 Message Channels
(PPM 60), by Karl Kholer, 17 pp.
GERMAN, per, Siemens Zeitschrift, Vol XXXIV, No 1, 1960,
pp 26-31.

SLA 63-10674

Sci-Electr
Feb 64

250,000

Turnace Transformers, by W. Rosenthal.

GERMAN, per, Siemens Zeitschrift, Vol XXXIV, 1960,
pp 96-104.

BISI 3113

Sci - Engr
Feb 63

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228, 246

Rectifier Transformers of High Rating, by H. Feyertag.

GERMAN, per, Siemens Zeitschrift, Vol XXXIV, No 3,
1960, pp 121-130.

GB/43/TP/T 2822

Sci
Feb 63

A Hydroelectric Power Plant With a Peak-Capacity of
of 1000 MW, by K. M. Uitting, 13 pp.

GERMAN, per, Siemens Zeitschrift, Vol XXIV, No 5,
1960, pp 281-287. (Call No TK3, 857, Eng Tr)

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Rabl, Helmuth.

FERRITE TRANSFLUXORS: MATERIALS, DESIGN, CONSTRUCTION, AND OPERATION (Ferrit-Transfluxoren: Aufbau, Wirkungsweise, Konstruktionsbedingungen und Werkstoffe). [1962] [23]p. (foreign text included) 5 refs.

Order from SLA \$2.60

62-16020

Trans. of Siemens Zeitschrift (West Germany) 1960, v. 34, no. 6, p. 385-390.

DESCRIPTORS: *Ferrite cores, Materials, Design, Construction, Operation, *Magnetic materials, Magnetic cores.

(Physics--Magnetism, TT, v. 8, no. 5)

62-16020

1. Title: Ferrite transfluxors

I. Rabl, H.

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New Doubly-Fed Three-Phase Shunt Commutator Motors
VNRD, by A. Popovic.
GERMAN, per, Siemens-Zeitschrift, Vol 34, No 6,
1960, pp 391-394.
NTC-71-12446-09C

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FERRITE TRANSFLUXORS, CHARACTERISTICS
AND APPLICATIONS (Ferrit-Transfluxoren, Kenn-
linien, Anwendungsbeispiele). [1962] [33]p. (foreign
text included) 2 refs.
Order from SLA \$3.60

62-16092

Trans. of Siemens-Zeitschrift (West Germany) 1960,
v. 34, no. 7, p. 397-404.

DESCRIPTORS: Ferrites, *Ferrite cores, Memory
devices, Switching circuits, Magnetic cores, Mag-
netic core switches.

(Physics--Magnetism, TT, v. 8, no. 9)

62-16092

1. Title: Ferrite transfluxors
1. Rabl, H.

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Use of the Electrical Glow Discharge for the
Pretreatment of Polyethylene, by H. Frohlich.
GERMAN, per, Siemens-Z, Vol XXXV, No 5,
1961, pp 397-400.
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Process Control, by H. Kaltenecker.
GERMAN, per, Siemens-Zeitschrift, Vol 35, No 5,
1961, pp 426-430.
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COUNTING OF SELF-HEALING PUNCTURES IN
METALLIZED PAPER CAPACITORS UNDER DC
VOLTAGE. [1962] 19p. 9 refs.
Order from SLA \$1.60 62-14787

Trans. of Siemens Zeitschrift (West Germany) 1961,
v. 35, no. 6, p. 493-499.

DESCRIPTORS: *Paper capacitors, Metal coatings,
Pulse counters, Direct current, Voltage, Life
expectancy.

(Engineering--Electrical, TT, v. 8, no. 6)

62-14787

- I. Title: Self-healing
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- I. Heywang, H.
- II. Preissinger, H.

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Martin, Otto, Schendel, Claus, and Seyfried, Hans.
CONTROL OF THE TWIN DRIVES OF A PLATE
MILL (Regelung des Zwillingsantriebs einer
Grobblechstrasse). [1961] [6]p. (2 figs. omitted)
5 refs.

Order from SLA \$1.10

61-20726

Trans. of Siemens Zeitschrift (West Germany) 1960,
[v. 34] no. 10, p. 653-656.

DESCRIPTORS: *Metal plates, Production, Electric
motors, Torque, Transistors, Control, Rectifiers,
Electric machinery, *Power drives, *Rolling mills.

(Machinery, Fabrications and Accessory Equipment,
TT, v. 7, no. 9)

I. Martin, O.
II. Schendel, C.
III. Seyfried, H.

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Barthel, Kurt and Zitzmann, Werner.
THE LINE EQUIPMENT OF THE 12 MC CARRIER
FREQUENCY SYSTEM. [1961] 14p. 6 refs.
Order from SLA \$1.60 61-20543

Trans. of Siemens-Z[eitschrift] (West Germany) 1960,
v. 34, no. 11, p. 777-786.
Another trans. is available from ATS \$21.25 as
ATS-92N52G [1961] 14p.

DESCRIPTORS: *Television communication systems,
*Telephone communication systems, Voice
communication systems, Communication systems,
*Amplifiers, *Transmission lines, Frequency.

(Research Methods--Communication Theory, TT,
v. 7, no. 1)

61-20543

I. Barthel, K.
II. Zitzmann, W.

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Schlicht, U.
EQUIPMENT FOR MEASURING THE QUALITY OF
SERVICE IN DIAL CENTRAL OFFICES. [1962]
[18]p. 10 refs.
Order from SLA \$1.60 62-14788

Trans. of Siemens Zeitschrift (West Germany) 1961,
v. 35, no. 8, p. 574-578.

DESCRIPTORS: *Telephones, Telephone communica-
tion systems. *Telephone lines, Maintenance, Quality
control, Test equipment.

(Research Methods--Communication Theory, TT,
v. 8, no. 4)

62-14788

I. Schlicht, U.

Office of Technical Services

New Testing Methods for High-Duty Circuit-Breakers,
by G. Kummerow, E. Pflaum.
GERMAN, per, Siemens Z, Vol XXXVI, 1962, pp 802-804.
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Behn, Reinhard, Heywang, Hermann, Kammermaier, Johann, and Preissinger, Heinz.

ELECTROCHEMICAL SELF-HEALING IN CAPACITORS WITH METALLIZED DIELECTRICS (Elektrochemische Selbstheilung in Kondensatoren mit metallisierten Dielektriken). [1963] [13p] (foreign text included) 10 refs

Order from SLA \$1.60

63-18743

Trans. of Siemens Zeitschrift (West Germany) 1962 [v. 36] no. 11, p. 808-811.

DESCRIPTORS: *Capacitors, *Paper capacitors, *Plastic film, *Metal films, *Dielectrics, Degradation, *Electrochemistry, Oxides.

Evidence is presented for the existence of self-healing in metallized plastic film or paper capacitors by the electrochemical deposition of metallic oxides around (Engineering--Electronic, TT, v. 10, no. 12) (over)

- I. Behn, R.
- II. Heywang, H.
- III. Kammermaier, J.
- IV. Preissinger, H.

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Experimental Operation of an Electronic Telephone
Switchboard Installation With the Pulse Multiplex
Technique, by Allan Darre, Edmund Ptacnik.

(DC-3519) 16 pp

GERMAN, per, Siemens Zeitschrift, No 2, 1963,
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[1964] 7p (fig omitted)
Order from SLA \$1.10

TT-64-14011

Trans. of Siemens Zeitschrift (West Germany) 1963
[v. 37] no. 4, p. 329-330.

L Kissel, H.

(Machinery--Machine Parts, TT, v. 11, no. 12)

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